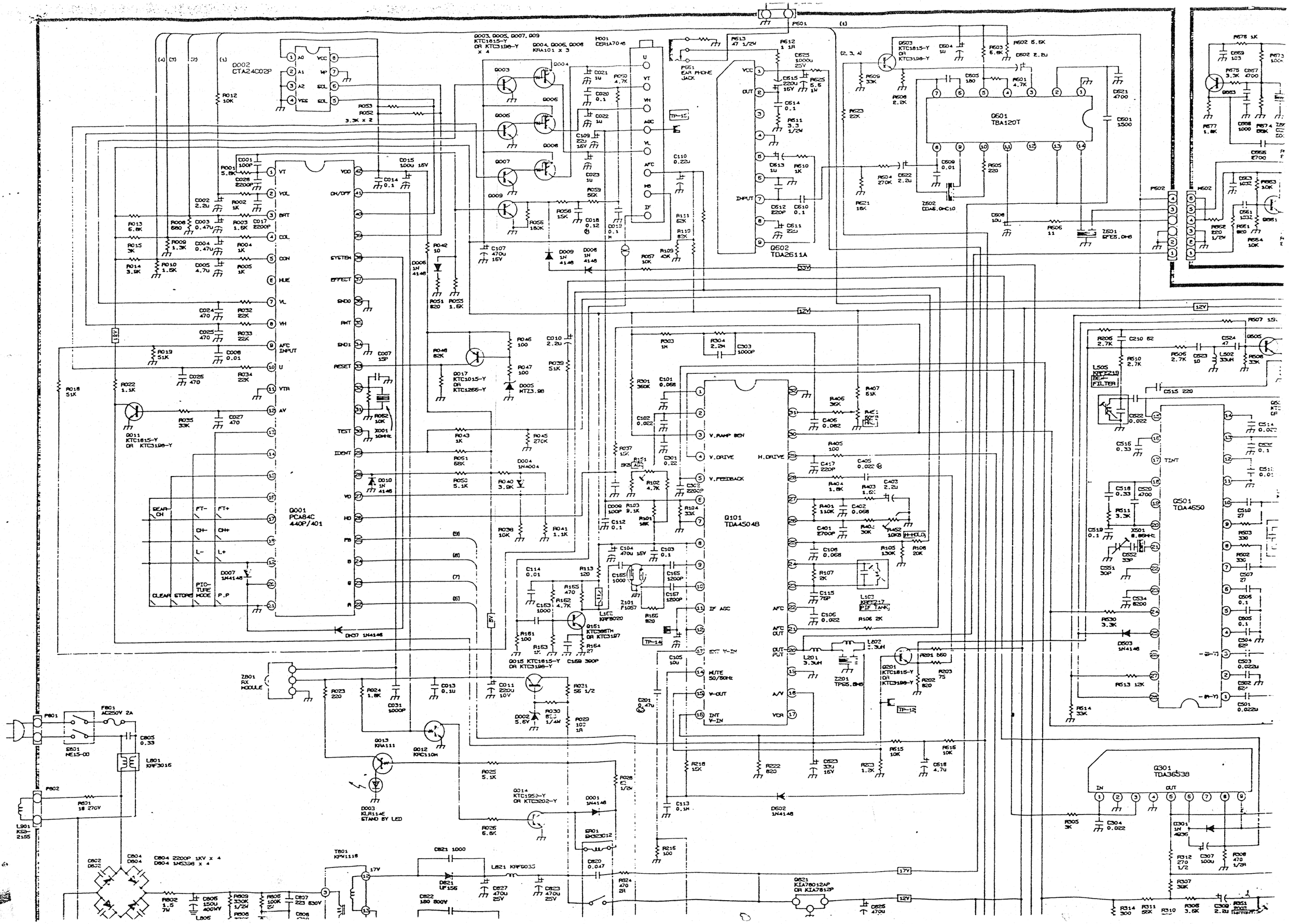
Q002 CTA24C02P
Q003, Q005, Q007, Q009 KTC1815-Y OR KTC3198-Y x 4
Q004, Q006, Q008 KRA101 x 3
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P501
P551 EAR PHONE JACK
Q503 KTC1815-Y OR KTC3198-Y
Q601 TBA120T
Z602 CDA8.0MC10
Z601 SFE5.0MB
Q502 TDA2611A
P602
Q001 PCA84C 440P/401
Q101 TDA4504B
Q501 TDA4650
Q301 TDA3653B
Q201 KTC1815-Y OR KTC3198-Y
Q202 KTC3198-Y
Q151 KTC3687H OR KTC3197
Q015 KTC1815-Y OR KTC3198-Y
Q013 KRA111
Q012 KRC110M
Q014 KTC1953-Y OR KTC3202-Y
Q017 KTC1015-Y OR KTC1266-Y
Q011 KTC1815-Y OR KTC3198-Y
Q621 KIA78012AP OR KIA7812P
D003 KLR114E STAND BY LED
D005 MTZ3.9B
D007 1N4148
D010 1N 4148
D004 1N4004
D002 5.6V
D009 1N 4148
D008 1N 4148
D006 1N 4148
D001 1N4148
D502 1N4148
D503 1N4148
D821 UF156
D822 180 800V
D802 D822
D804 D804
D804 2200P 1KV x 4
D804 1N5398 x 4
L801 KAF3016
L821 KAF6035
L201 3.3uH
L202 3.3uH
L502 330uH
L503 KQF0218 BC-FILTER
L101 KAF8020
L103 KQF2217 PIF TANK
P801
P802
F801 AC250V 2A
S801 NE15-00
L901 KS9 215S
TB01 KPM1118
Z801 RX MODULE
Z201 TPS5.5MB
Z101 F1057
X501 8.86MHz
X001 10MHz
TP-15
TP-14
TP-12
TP-13
VCC
VT
VCL
BAT
COL
CON
HUE
VL
VH
AFC INPUT
U
VTR
AV
TEST
IDENT
SYSTEM
EFFECT
SNDO
PAT
SND1
RESET
CH/OFF
VDD
REAR CH
FT-
FT+
CH-
CH+
L-
L+
PIC-TURE MODE
CLEAR
STORE
P.P
V.RAMP BEN
V.DRIVE
V.FEEDBACK
H.DRIVE
IF AGC
AFC OUT
MUTE 50/60Hz
V-OUT
INT V-IN
VCA
TINT
IN
OUT
12V
17V
5V
R012 10K
R053 R052 3.3K x 2
R042 10
R051 820
R053 1.5K
R046 100
R047 100
R048 82K
R043 1K
R045 270K
R061 68K
R052 5.1K
R040 3.9K
R038 10K
R041 1.1K
R037 15K
R151 1K
R102 4.7K
R103 9.1K
R104 33K
R101 18K
R113 120
R165 470
R162 4.7K
R166 820
R163 1K
R164 27
R151 100
R216 100
R217 15K
R222 820
R223 1.8K
R515 10K
R516 10K
R518 4.7K
R513 12K
R514 33K
R530 3.3K
R201 560
R203 75
R202 820
R026 6.8K
R025 5.1K
R028 1/2W
R029 100 1W
R030 1/4W
R031 56 1/2
R023 220
R024 1.8K
R802 1.5 7W
R305 3K
R312 270 1/2
R307 30K
R308 470 1/2W
R314 300
R311 56K
R310
R306 3.6K
R309 2.2u
R824 470 2W
R512 220P
R511 3.3 1/2W
R510 1K
R513 1u
R514 0.1
R515 2200u 16V
R516 5.6 1W
R517 1u
R518 5.6K
R519 33K
R520 2.2u
R521 4700
R522 2.2u
R523 22K
R524 270K
R525 18K
R526 2.2u
R527 4700
R528 220
R529 1/2W
R530 10K
R531 10K
R532 11
R533 1K
R534 4.7K
R535 180
R536 2.2K
R537 1K
R538 2.7K
R539 2.7K
R540 2.7K
R541 35K
R542 10
R543 10
R544 47
R545 2.7K
R546 2.7K
R547 35K
R548 10K
R549 10K
R550 10K
R551 10K
R552 220 1/2W
R553 10K
R554 10K
R555 1K
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R698 1K
R699 1K
R700 1K
C001 100P
C002 2.2u
C003 0.47u
C004 0.47u
C005 4.7u
C006 0.01
C007 15P
C008 0.01
C009 1.3K
C010 2.2u
C011 2200u 10V
C012 0.1u
C013 0.1u
C014 0.1
C015 100u 16V
C016 0.1
C017 2200P
C018 0.12
C019 0.1
C020 0.1
C021 1u
C022 1u
C023 1u
C024 470
C025 470
C026 2200P
C027 470
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C029 470
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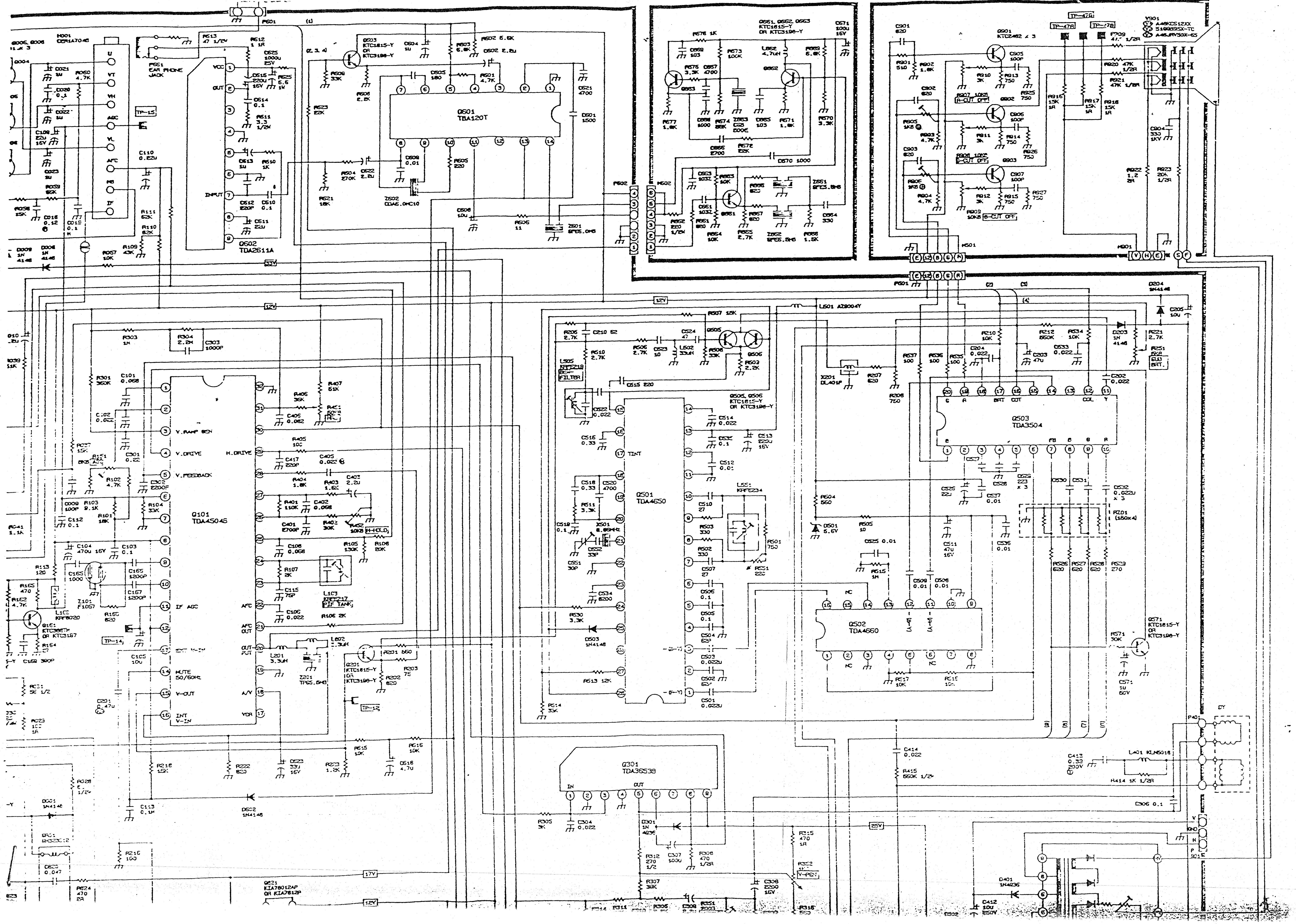
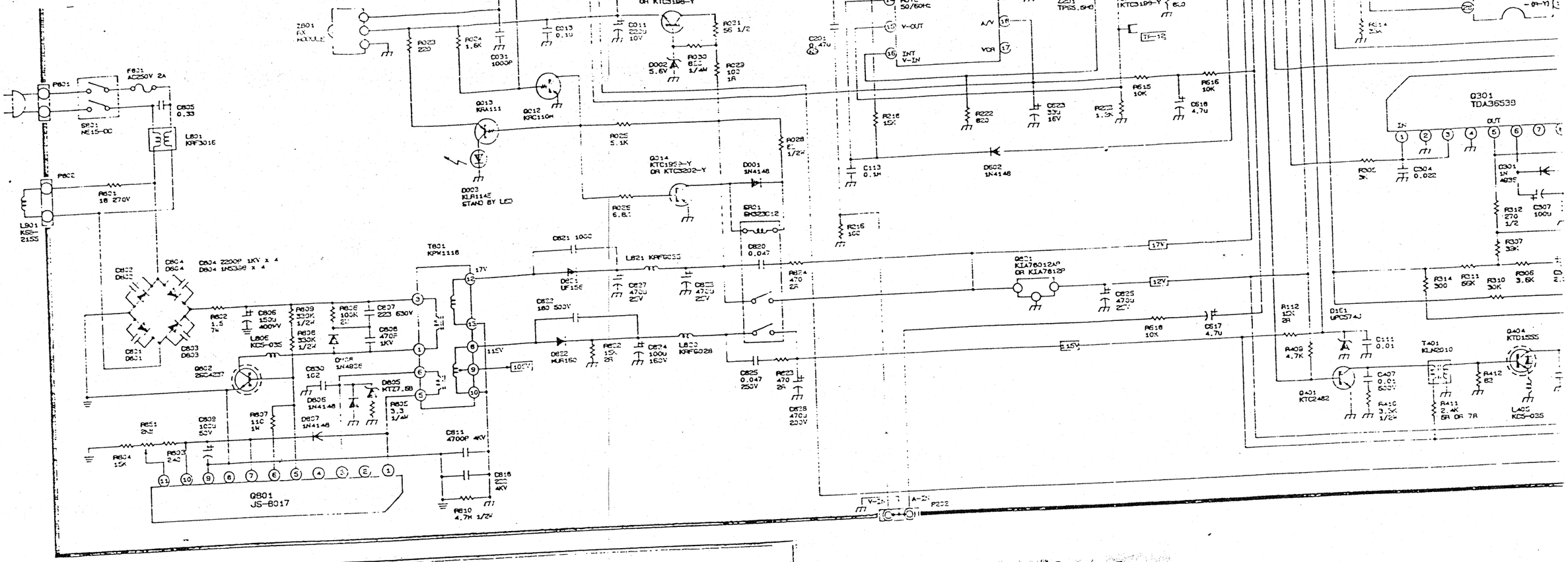
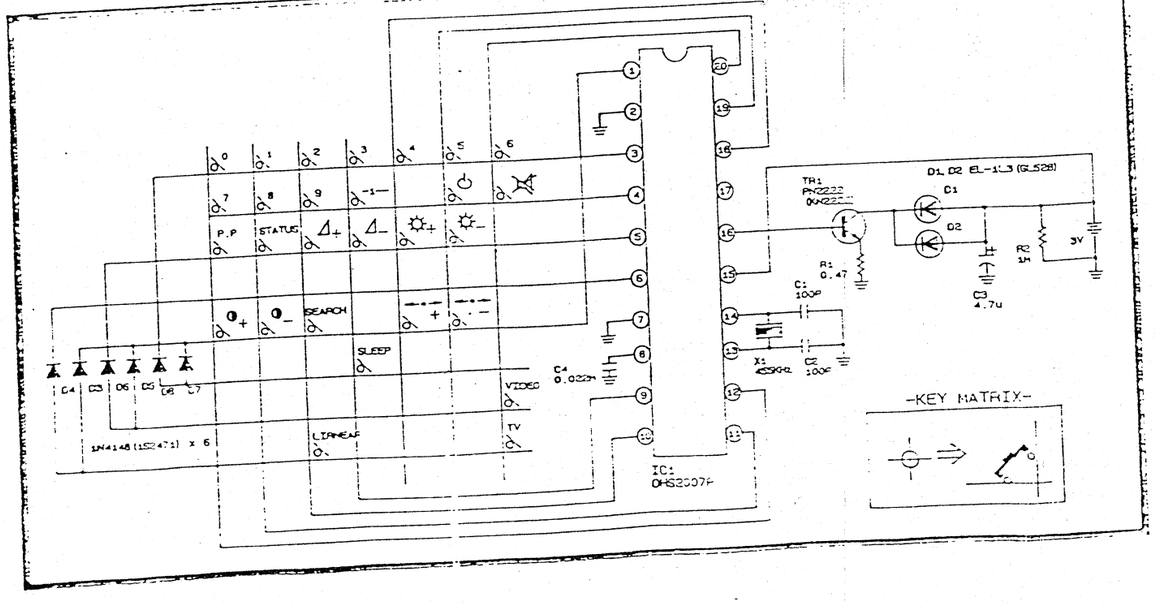
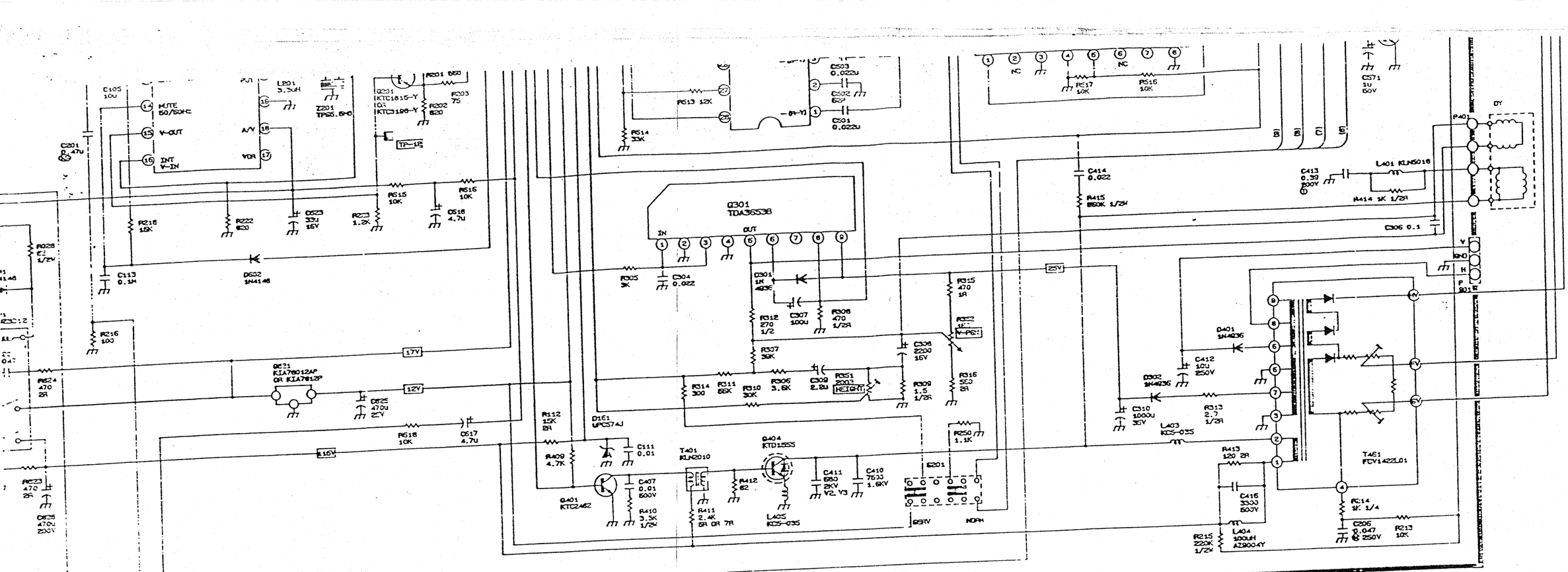


P601
H001 CER1A7046
P651 EAR PHONE JACK
TP-15
U
VT
VH
AGC
VL
AFC
MS
IF
Q602 TDA2611A
VCC
OUT
INPUT
Q603 KTC1815-Y OR KTC3198-Y
Q601 TBA120T
Z602 CDA6.0MC10
Z601 SFE6.0MB
P602
H602
Q661, Q662, Q663 KTC1815-Y OR KTC3198-Y
Z661 SFE5.5MB
Z662 SFE5.5MB
Q901 KTC2482 x 3
TP-47G
TP-47B
TP-47R
V901
A48KCS12XX
510GGSSX-TC
A48JRY50X-65
R907 10KB R-CUT OFF
R908 10KB G-CUT OFF
R909 10KB B-CUT OFF
H501
H901
P501
12V
33V
L501 AZ9004Y
Q505
Q506
Q505, Q506 KTC1815-Y OR KTC3198-Y
L505 KRFE219 BC-FILTER
Q501 TDA4650
TINT
X501 8.86MHz
D503 1N4148
L551 KRFE234
X201 DL401P
Q503 TDA3504
BRT
CNT
COL
FB
R251 5KB SUB BRT.
D204 1N4148
D203 1N 4148
D501 5.6V
RZ01 (150x4)
Q502 TDA4660
NC
Q571 KTC1815-Y OR KTC3198-Y
Q101 TDA4504S
V.RAMP GEN
V.DRIVE
V.FEEDBACK
H.DRIVE
IF AGC
AFC
AFC OUT
OUT-PUT
MUTE 50/60Hz
V-OUT
INT V-IN
A/V
YCR
H-HOLD
L103 KRFE217 PIF TANK
Z101 F1057
L102 KRF8020
Q161 KTC3687H OR KTC3187
TP-14
L201 3.3uH
L202 2.3uH
Z201 TPS5.5MB
Q201 KTC1815-Y OR KTC3198-Y
TP-12
Q301 TDA3653B
IN
OUT
D301 1N 4936
25V
17V
V-POS
D602 1N4148
Q621 KIA78012AP OR KIA7812P
DY
P401
L401 KLN5016
R414 1K 1/2R
D401 1N4936
C412 10U 250V
P901

SPECTRA 2045







SPECTRA 2045

SPECTRA 2045

** NOTE **

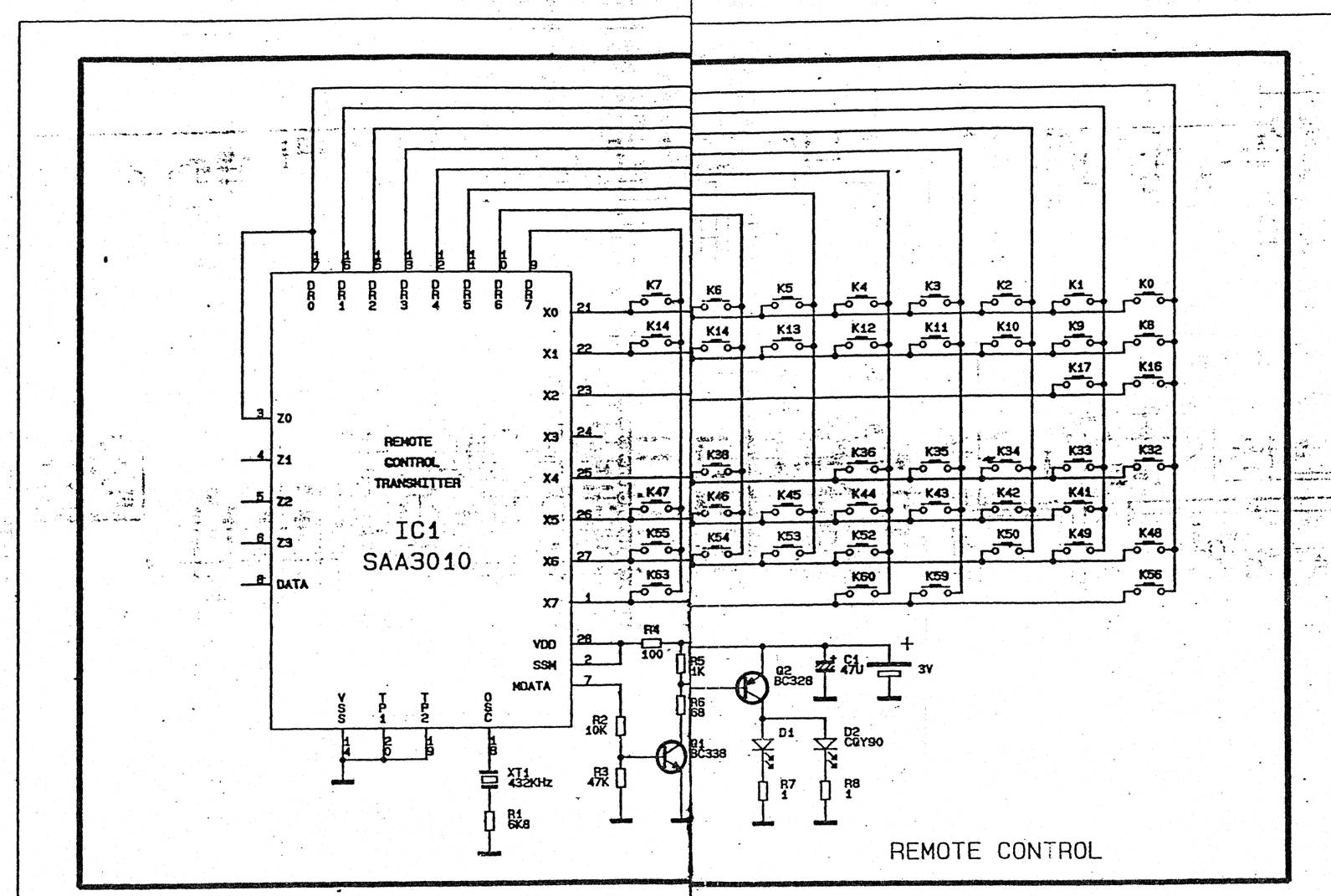
1. ALL RESISTORS ARE 1/4W CARBON FILM RESISTOR UNLESS OTHERWISE LISTED.
   RESISTANCE UNIT IS IN OHM. K=1,000 M=1,000,000
   1/2W : METAL OR METAL OXIDE 1/2W. 1/2W : CARBON
   1/2F : FUSE RESISTOR 1/2W. 10W : CEMENT RESISTOR 10W.
2. ALL CAPACITORS ARE 50V CERAMIC CAPACITOR UNLESS OTHERWISE LISTED.
   CAPACITANCE LESS THAN 1 ARE EXPRESS IN uF. AND GREATER THAN 1 IN pF.
3. VOLTAGES ARE MEASURED WITH OHM FROM POINT INDICATED TO CHASSIS GROUND.
   USING COLOR BAR SIGNAL WITH ALL CONTROLS AT NORMAL.
4. WAVEFORMS ARE MEASURED WITH SYNCHROSCOPE FROM POINT INDICATED TO
   CHASSIS GROUND. USING COLOR BAR SIGNAL WITH ALL CONTROLS AT NORMAL.

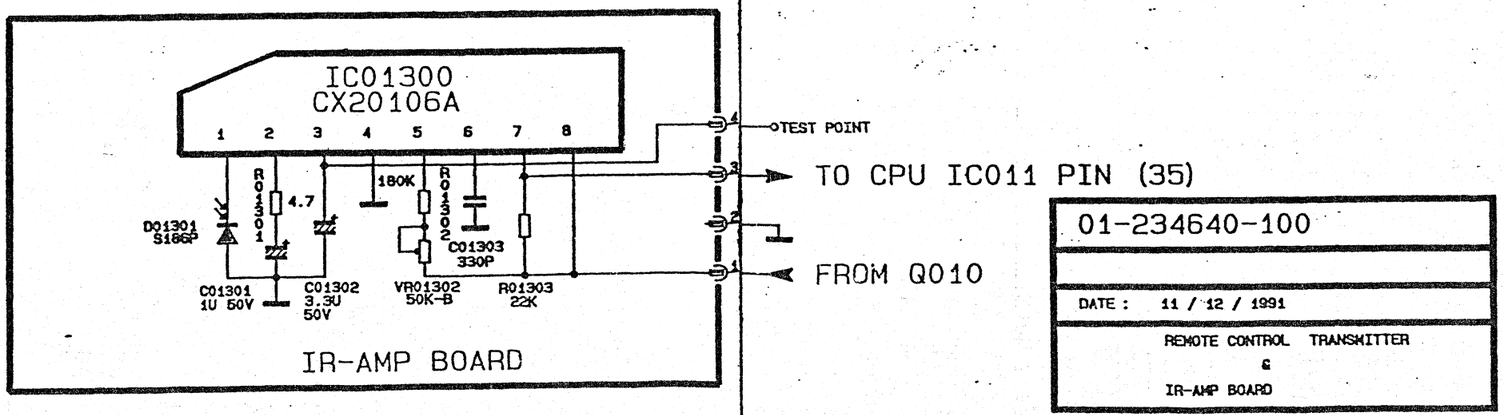
COLOR TV RECEIVER SCHEMATIC DIAGRAM		
DRAWING BY : 1994. 01. 20 M. S. KANG	MODEL NO.	OMEGATV5140BGDK
DESIGNED BY :	DOMESTIC MODEL NO.	
CHECKED BY :	CHASSIS NO.	
APPROVED BY :	KOREA ELECTRONICS CO., LTD.	
FIN. APPROVED BY :	DRAWING NO.	KH-E-0112

RE.NO	DATE	MODIFY CONTENTS	MODIFY REASON	START DATE	APPD	CHK	DSGD

KEC - E10 - 107 (841 x 594)

(2) SPECTRA 2045





01-234640-100
DATE : 11 / 12 / 1991
REMOTE CONTROL TRANSMITTER & IR-AMP BOARD